

AMENDMENT TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1. (Currently Amended) ~~An article including a mark~~ Article which is provided with a marking means for identification of the article, wherein the mark comprises, characterized ~~in that the marking means is a non-predetermined~~ random identifier comprising at least one feature peculiar to the article itself.

Claim 2. (Currently Amended) ~~Article~~ The article according to claim 1, ~~characterised in that wherein~~ the article is comprises a package.

Claim 3. (Currently Amended) ~~Article~~ The article according to claim 1, ~~characterised in that wherein~~ the random identifier ~~forms~~ comprises a part of ~~the a~~ design of the package article.

Claim 4. (Currently Amended) ~~Article~~ The article according to claim 1, ~~characterised in that wherein~~ the random identifier ~~is composed of~~ comprises at least one random pattern.

Claim 5. (Currently Amended) ~~Article~~ The article according to claim 4, ~~characterised in that wherein~~ the random pattern ~~is composed of~~ comprises a distribution of luminophores.

Claim 6. (Currently Amended) ~~Article~~ The article according to claim 4, ~~characterised in that further comprising a in addition to the random pattern a~~ marking generated ~~from based~~ on the random pattern ~~[[is]]~~ and arranged on the ~~package~~ article.

Claim 7. (Currently Amended) ~~Article~~ The article according to claim 5, ~~characterised in that wherein~~ the distribution of luminophores is detectable and ~~can be~~ is at least one of filed or deposited as an optionally coded ~~or uncoded~~ marking in at least one of a data bank ~~and/or as or~~ print on the package.

Claim 8. (Currently Amended) ~~Article~~ The article according to claim 7, ~~characterised in that, in addition to the random pattern and/or marking, a coding means, in particular a serial number, is applied~~ 6, further comprising a code applied to the article.

Claim 9. (Currently Amended) ~~Article~~ The article according to claim 8, ~~characterised in that the coding means is~~ wherein the code includes a serial number and is in a predetermined and reproducible relationship to the ~~marking means~~ mark.

Claim 10. (Currently Amended) ~~Article~~ The article according to claim 8, ~~characterised in that the coding means and the marking means~~ wherein the code and the mark are in correlation with each other.

Claim 11. (Currently Amended) ~~Article~~ The article according to claim 10, ~~characterised in that~~ wherein the correlation is formed by storage.

Claim 12. (Currently Amended) ~~Article~~ The article according to claim 10, ~~characterised in that~~ wherein the correlation is formed by a coding function.

Claim 13. (Currently Amended) ~~Article~~ The article according to claim 1, ~~characterised in that~~ wherein the random identifier is comprises an integral part of the ~~package itself~~ article.

Claim 14. (Currently Amended) ~~Article~~ The article according to claim 1, ~~characterised in that~~ wherein the random identifier is ~~optionally~~ arranged on the whole ~~package~~ article or in a predefined region of the ~~package~~ article.

Claim 15. (Currently Amended) ~~Article~~ The article according to claim 1, ~~characterised in that~~ 8, wherein the article further comprises at least one of the package is composed of a primary packaging, and/or a secondary packaging, or and/or a tertiary packaging.

Claim 16. (Currently Amended) ~~Article~~ The article according to claim 15,
~~characterised in that wherein at least one of the mark, the code or the marking is visibly the~~
~~coding means and/or the marking means and/or the marking are arranged on at least one of~~
~~the primary packaging, and/or the secondary packaging, or and/or the tertiary packaging in~~
~~such a way that they can be clearly identified from the outside.~~

Claim 17. (Currently Amended) ~~Article~~ The article according to claim 16,
~~characterised in that wherein the marking at least marking is arranged on the secondary~~
~~packaging, the marking being is designed as a link number, wherein the link number can be is~~
~~generated from at least one of the coding means, and/or the marking means and/or the~~
~~marking of mark, the code, or the marking arranged on the primary packaging.~~

Claim 18. (Currently Amended) ~~Article~~ The article according to claim [[3]]4,
~~characterised in that wherein the random pattern is comprises at least one of a gap width,~~
~~and/or an overlap region, and/or a contact region of joint surfaces, and/or a joint seam, and/or~~
~~a wave pattern of a joint seam, and/or folds, or and/or cut edges or the like of the article~~
~~packaging.~~

Claim 19. (Currently Amended) ~~Method~~ A method of creating a ~~for the individual~~
~~marking of articles for an article provided with a mark, in particular packages, with an~~
~~individual marking means, characterised by the comprising the steps of:~~

~~[[-]]detection of detecting a non-predetermined random identifier comprising at least~~
~~one feature peculiar to the article itself as the mark, in particular to the package, as a marking~~
~~means,~~

~~[[-]]conversion of converting the random identifier to an individual the marking, and~~

~~[[-]] filing of depositing the marking as at least one of a data record in a data bank~~
~~and/or deposition as or a print on the article, in particular on the package.~~

Claim 20. (Currently Amended) ~~Method~~ The method according to claim 19,
~~characterised in that a packaging is labelled, wherein further comprising:~~

~~providing the article package is provided with a random identifier peculiar to the~~
~~package, preferably a random pattern as the random identifier, the random pattern including a~~

distribution consisting of luminophores, as a marking means.

Claim 21. (Currently Amended) ~~Method~~ The method according to claim 19, ~~characterised in that wherein the converting step comprises performing conversion is effected by means of a suitable mathematical function.~~

Claim 22. (Currently Amended) ~~Method~~ The method according to claim 19, ~~characterised in that wherein the depositing step comprises coding the marking the marking is coded before printing on the package or before filing in the data bank.~~

Claim 23. (Currently Amended) ~~Method~~ The method according to claim 19, ~~characterised in that wherein the marking is deposited in the data bank, and further comprising compressing the marking the marking is compressed before filing in the data bank.~~

Claim 24. (Currently Amended) ~~Method~~ The method according to claim 19, ~~characterised in that wherein the detecting step comprises optically detecting the random identifier is detected optically.~~

Claim 25. (Currently Amended) ~~Method~~ The method according to claim ~~[[19]]~~20, ~~characterised in that further comprising:~~
numerically coding the random distribution of luminophores, the luminophores being
~~is made~~ visible with UV light, and
storing the numerically coded luminophores ~~coded numerically and stored as the~~
random identifier.

Claim 26. (Currently Amended) ~~Method~~ The method according to claim 19, ~~characterised in that the package is additionally provided with further comprising providing the article with a code an individual coding means, in particular a serial number.~~

Claim 27. (Currently Amended) ~~Method~~ The method according to claim 26, ~~characterised in that further comprising:~~

~~combining the code and the marking at least the marking means and the coding means are combined~~ into a data pair, ~~wherein at least two of the code, the mark and the marking have and put in a predetermined, reproducible reference relationship to each other.~~

Claim 28. (Currently Amended) ~~Method~~ The method according to claim 27, ~~characterised in that~~ further comprising:

correlating the marking and the code with each other in the data pair ~~pairs are in each case correlated with each other and filed in a data bank, and~~
filing the data pair in the data bank.

Claim 29. (Currently Amended) ~~Method~~ The method according to claim 26, ~~characterised in that~~ wherein at least one of the code, the mark, or the marking is applied or attached to the article either provision of the package with the coding means and/or the marking means and/or the marking takes place optionally on-line or off-line.

Claim 30. (Currently Amended) ~~Method~~ The method according to claim 26, ~~characterised in that~~ wherein the article comprises at least one of a primary packaging, a secondary packaging, or a tertiary packaging; and at least one of the code, the mark, or the marking is the marking means, the coding means and the marking are optionally applied or attached to at least one of [[a]] the primary packaging, and/or a the secondary packaging, or and/or a the tertiary packaging or attached to one of them.

Claim 31. (Currently Amended) ~~Method~~ A method for the identification of articles, ~~in particular packages, which are an article provided with a mark, the mark comprising a non-predetermined random identifier that comprises at least one feature peculiar to the article itself, and wherein a marking, which is a function of the mark, is printed on the article or filed as a data record in a data bank, the method comprising an individual marking means, by detection and evaluation of the marking means, characterised by the steps of:~~

~~[[-]]detection of detecting a the random identifier peculiar to the article, in particular to the package, as a marking means,~~

~~[[-]]conversion of converting the random identifier to an individual an associated marking, and~~

~~[[-]] alignment of aligning the associated marking with the print of the marking on the article, in particular on the package, and/or or the a data record of the marking filed in a the data bank and containing the marking.~~

Claim 32. (Currently Amended) ~~Method~~ The method according to claim 31, ~~characterised in that wherein the detecting includes:~~

~~rendering the random identifier is rendered~~ visible by irradiation with light in the ultraviolet spectral range; and

~~detected optically detecting the random identifier.~~

Claim 33. (Currently Amended) ~~Method~~ The method according to claim 31, ~~characterised in that wherein the converting step comprises performing conversion is effected by means of a suitable mathematical function.~~

Claim 34. (Currently Amended) ~~Method~~ The method according to claim 31, ~~characterised in that wherein:~~

~~the detecting step comprises scanning the random identifier is scanned to obtain identifier information,~~

~~the converting step comprises determining the wherein the associated marking is determined from the scanned identifier information, and~~

~~the aligning step comprises comparing the associated marking with the marking compared with print applied to the package and/or a data record filed in a data bank.~~

Claim 35. (Currently Amended) ~~Method~~ The method according to claim 31, ~~characterised in that further comprising detecting a code in addition a coding means arranged on the article package, in particular a serial number, is detected.~~

Claim 36. (Currently Amended) ~~Method~~ The method according to claim 35, ~~characterised in that further comprising:~~

~~forming an associated [[a]] data pair comprising the detected code and the associated marking, which is composed of coding means and marking means and which is formed from the information detected and~~

comparing the associated data pair with a ~~is compared with a~~ data pair comprising the code and the marking previously filed in the data bank.

Claim 37. (Currently Amended) ~~Device~~ A device ~~for the individual creating a marking [[of]] for an article provided with a mark, articles, in particular packages, with an individual marking means, characterised in that~~ comprising:

[[a]] means ~~is provided~~ for detecting at least one non-predetermined random identifier comprising at least one feature peculiar to the article itself as the mark, in particular to the package, as a marking means,

[[a]] means for generating and displaying or outputting [[a]] the marking from based on the random identifier, and

[[a]] means for at least one of filing or depositing the marking.

Claim 38. (Currently Amended) ~~Device~~ The device according to claim 37, ~~characterised in that in addition~~ further comprising a means for applying providing the article with the random identifier is provided.

Claim 39. (Currently Amended) ~~Device~~ The device according to claim 37, ~~characterised in that wherein~~ the means for deposition or at least one of filing or depositing includes comprises at least one of a printer or the like and/or a storage means, in particular a data bank.

Claim 40. (Currently Amended) ~~Device~~ The device according to claim 39, ~~characterised in that in addition~~ further comprising [[a]] means for applying a code coding means is provided, wherein the means for applying the coding means can be identical with the printer for depositing the marking.

Claim 41. (Currently Amended) ~~Device~~ The device according to claim 40, ~~characterised in that in addition~~ further comprising means are provided for coding the marking to obtain the code.

Claim 42. (Currently Amended) ~~Device~~ The device according to claim 41,

~~characterised in that wherein~~ the means for detecting ~~at least one random identifier~~, the means for generating and displaying or outputting ~~[[a]] the marking, the storage means,~~ the means for coding and the means for at least one of depositing or filing, are operatively ~~connected to each other, and are preferably~~ linked together.

Claim 43. (Currently Amended) ~~Device~~ A device for the identification of ~~articles, in particular packages, provided with an individual marking means, characterised in that a~~ an article including a mark comprising a non-predetermined random identifier peculiar to the article itself, and wherein a marking is created that is a function of the non-predetermined random identifier, the device comprising:

~~means is provided for detecting at least one the~~ random identifier peculiar to the article ~~itself, in particular to the package, as a marking means, and~~

~~[[a]] means for generating and displaying or outputting [[a]]~~ an associated marking from based on the random identifier, wherein the associated marking is associated with the marking created as a function of the non-predetermined random identifier.

Claim 44. (Currently Amended) ~~Device~~ The device according to claim 43, ~~characterised in that wherein~~ the means for detecting is ~~designed~~ operative to emit UV light and pick up ~~the information from the random identifier~~ which is rendered visible.

Claim 45. (Currently Amended) ~~Device~~ The device according to claim 43, ~~characterised in that wherein~~ the means for detecting is ~~designed~~ further operative to detect ~~further information relating to the marking and a code located on the package, in particular the marking and a coding means.~~

Claim 46. (Currently Amended) ~~Device~~ The device according to claim 43, ~~characterised in that wherein~~ the means for generating and displaying or outputting is ~~designed~~ operative to carry out a mathematical function to convert functions, in such a way that the random identifier can be converted to the associated marking.

Claim 47. (Currently Amended) ~~Device~~ The device according to claim 43, ~~characterised in that in addition a further comprising means is provided for decoding the~~

marking.

Claim 48. (Currently Amended) ~~Device~~ The device according to claim 47 ,
~~characterised in that~~ wherein the means for detecting, the means for generating and displaying
or outputting, and the means for decoding are ~~connected~~ coupled to a ~~storage means, in~~
~~particular a data bank.~~

Claim 49. (Currently Amended) ~~Device~~ The device according to claim 48,
~~characterised in that~~ wherein the means for detecting, the means for generating and displaying
or outputting, ~~the storage means~~ the data bank, and the means for decoding are operatively
~~connected~~ linked to each other, ~~and are preferably linked together.~~

Claim 50. (Currently Amended) A mobile hand-held device comprising the device
~~Device~~ according to claim 43, ~~characterised in that the device is designed as a mobile hand-~~
~~held device.~~